

DialogIP

Panel with thermal insulation capacity comprises a core layer of plastic foam material and at least one outer cover layer of plastic material which is provided with at least one embedded fabric layer

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Patent Family

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Patent Details

Patent	Kind	Language	Page	Main IPC	Filing Notes
DE 20005948	U1		7	B32B-027/32	

Abstract:

DE 20005948 U1

NOVELTY The panel (10) with thermal insulation capacity comprises a core layer (11) of plastic foam material and at least one outer cover layer (12) of plastic material, with each outer cover layer provided at least with one embedded fabric layer (13).

USE As a construction element with thermal insulation capacity, primarily for lining of refrigerators, cold storage rooms, refrigerated delivery vehicles etc.

ADVANTAGE Mechanical strength of the panel is substantially improved without detracting from its thermal insulation capacity.

DESCRIPTION OF DRAWING(S) The drawing shows a section through the proposed panel.

Core layer (11)

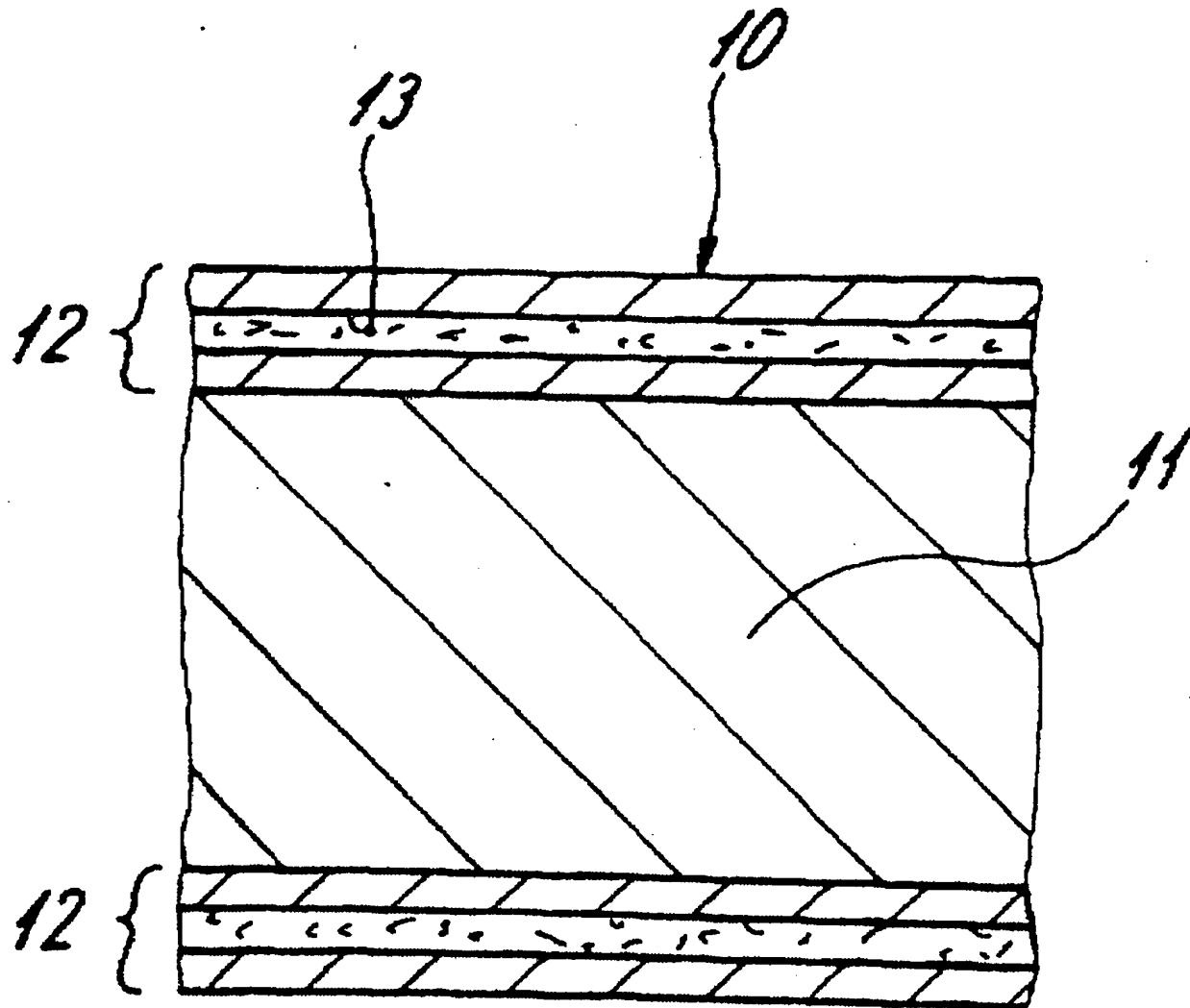
Outer cover layers (12)

Embedded fabric layer (13)

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Technology Focus:

TECHNOLOGY FOCUS - POLYMERS - Preferred Materials: The basic material of the panel is a polyolefin, preferably polypropylene. The foam material of the core layer is either polypropylene or polyethylene.



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